



State of the Infantry

USAIS Soldier Performance Update



COL David B. Haight
Chief of Infantry and USAIS Commandant



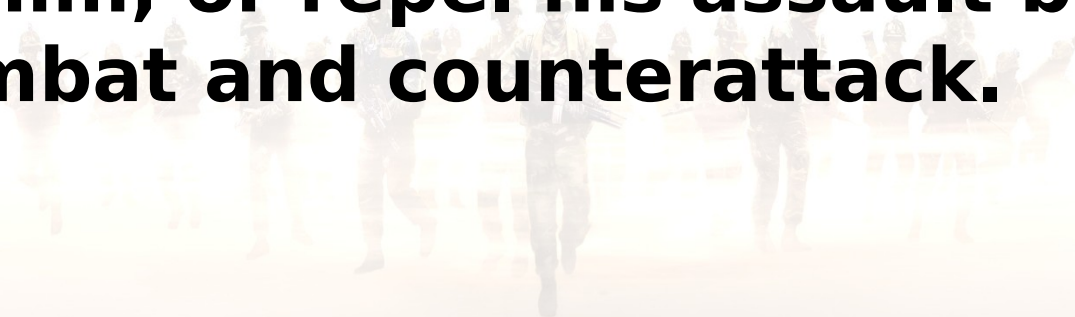
USAIS Mission



The US Army Infantry School trains and develops Soldiers and Leaders in Infantry skills that embody the Warrior Ethos, ready today to support our Army at war and relevant for tomorrow.

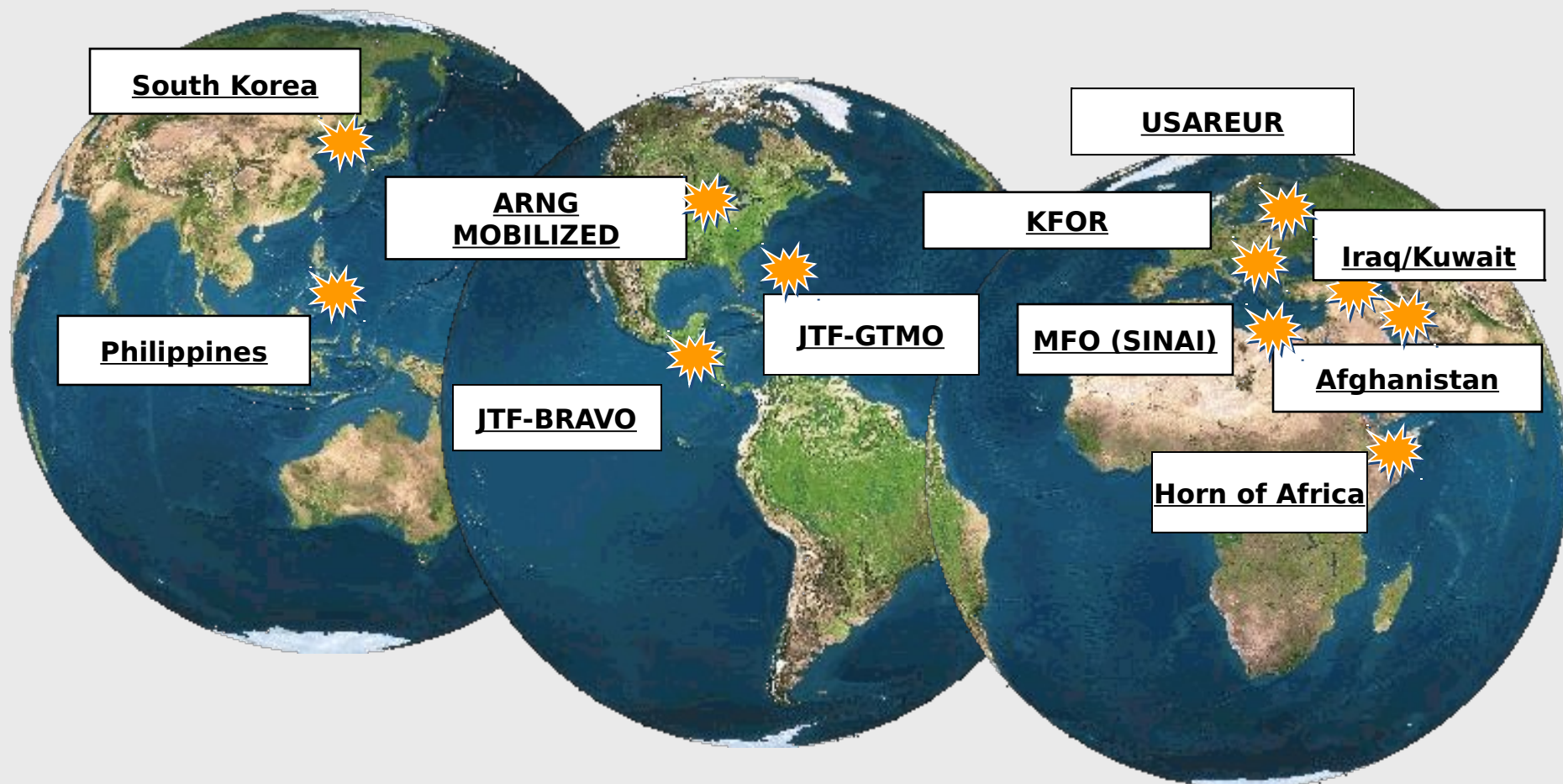
Infantry Mission

To close with and destroy the enemy by means of fire and maneuver to defeat or capture him, or repel his assault by fire, close combat and counterattack.





Global Commitment



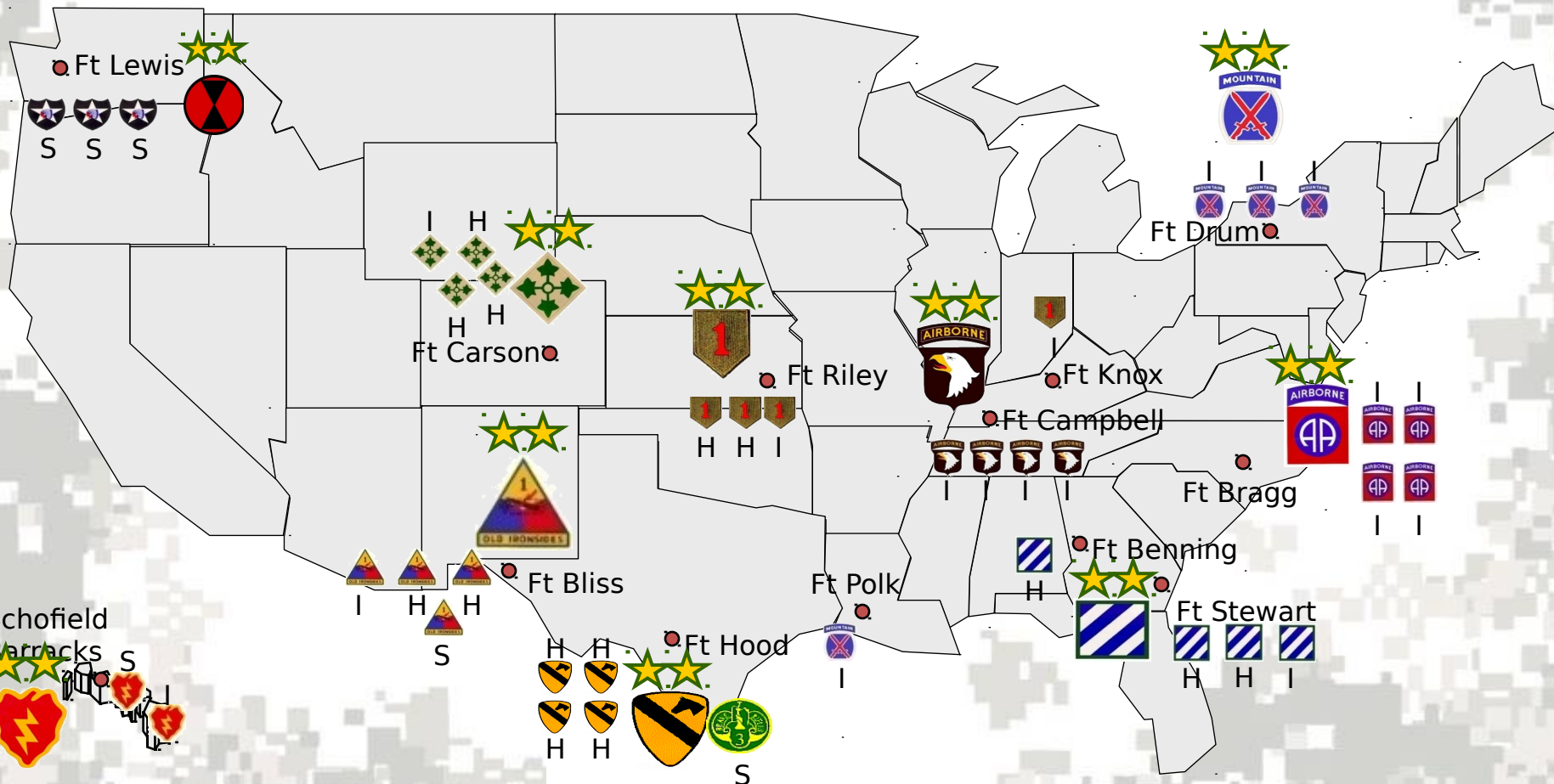
33/43 BCTs Committed (77%) thru next 12 months



Units

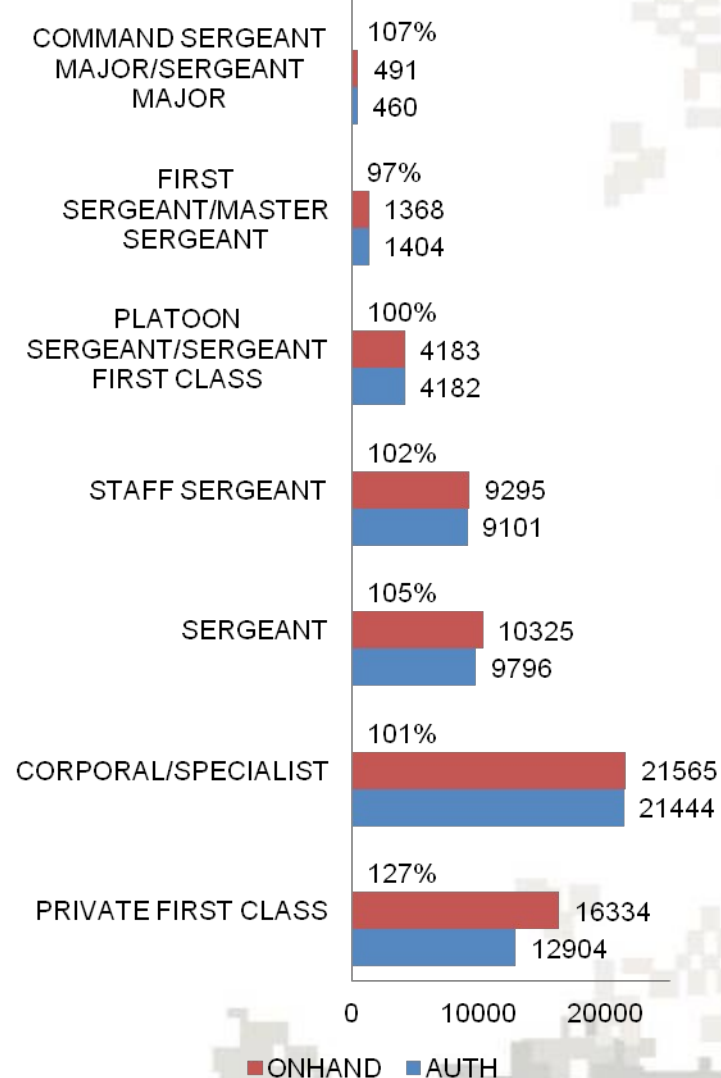
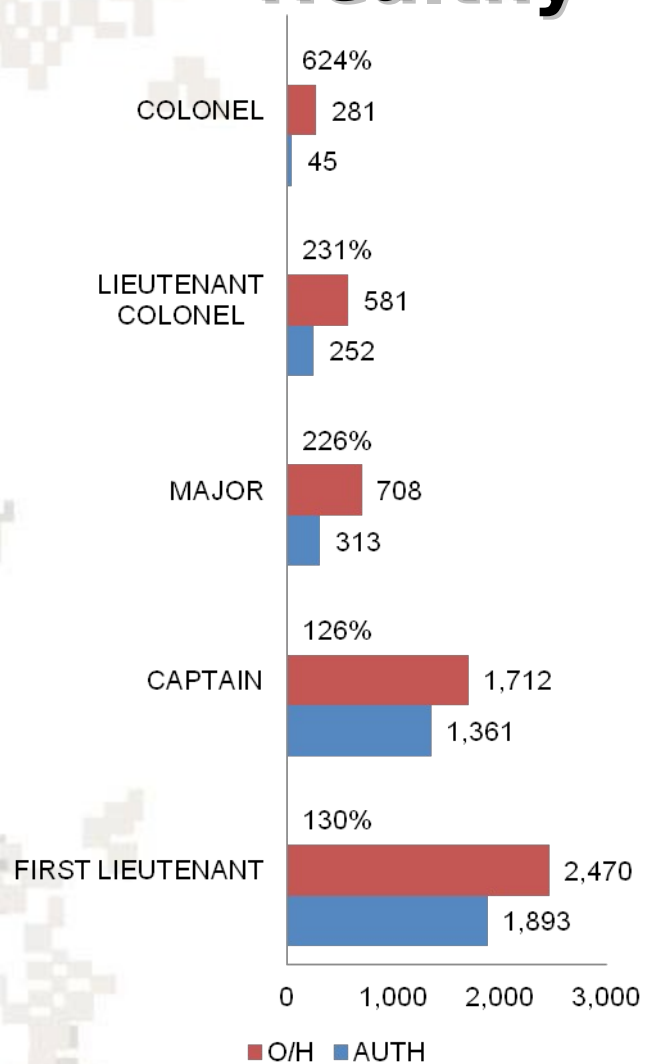


Ft Richardson





Infantry Remains Healthy





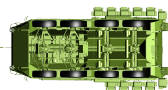
Infantry Vehicle Modernization

Bradley Fighting Vehicle



- Power Train
 - Cooling System Modification, 675 HP Power Pack Upgrade.
- Electrical Systems
 - Electrical Power Upgrade, Battery Management
- Enabled Capabilities
 - JTRS, CREW v3, Gun Shot Detection
- Situational Awareness
 - Improved FBCB2 Integration, common intelligent display

Stryker Brigade Combat Team



- Double V lower hull changes
 - Increased integral blast protection.
 - Increased protection for the driver.
- Stryker Upgrades
 - Establishes infrastructure for future network systems.
- M1128: Mobile Gun System
 - 3 ea MGS vehicles per MGS Platoon, 9 MGS vehicles per SBCT.

Ground Combat Vehicle



- Initiative “buys back” platform requirements because they have reached their SWAP-C limitation
- Defeats all current/projected comparable platform threats.
- Provides increased protection to meet current and emerging threats.
- Networked to allow access to combined arms and joint capabilities.



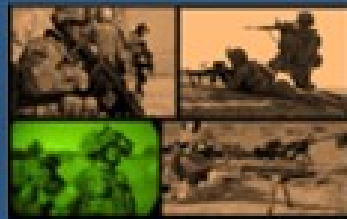
Actions impacting future Infantry



- Officer Grade Plate Reduction
- Brigade Combat Team Redesign
- Support to Home Station Training
- Professional Military Education Backlog
- Functional/Combat Skills Training
- Relevancy/Adaptation of Programs of Instruction (POIs)
- Aligning unit training plans with DA manning model



Enhancing Soldier Performance and Leader Development from the Foundation to the BCT



**Soldier
Requirements
Division**

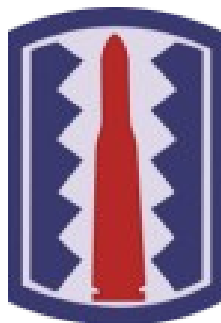
COL Dan Barnett

RANGER



TNG BDE

197th



INF BDE

198th



INF BDE

199th



INF BDE

COL Kyle Lear COL Mike Rauhut COL Jon Neumann COL Duke Davis



The Operational Environment

Complex

Location, Adversaries,
Context, Duration



Adaptive, technologically enhanced threats



Enemy
Forces

**Dynamic combinations
of conventional,
irregular, terrorist and
criminal capabilities**

Rapidly Changing



Exponential, not Arithmetic

Extremely Competitive



Rising powers, organized militias,
technology as a leveler

Decentralized

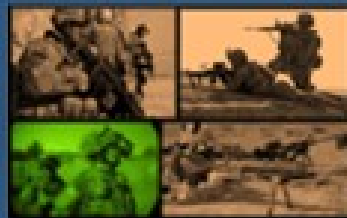
Networked Forces,
Dispersed Among
the People



Rifle Squads must be trained and equipped to defeat a determined, adaptive enemy in complex terrain across a wide range of missions while geographically dispersed



Enhancing Soldier Performance and Leader Development from the Foundation to the BCT



**Soldier
Requirements
Division**

COL Dan Barnett

RANGER



TNG BDE

197th



INF BDE

198th



INF BDE

199th



INF BDE

COL Kyle Lear COL Mike Rauhut COL Jon Neumann COL Duke Davis



Lethality



Survivability



Mobility



Sustainability





Soldier Requirements Division

Capability Review



Lethality

1. Counter Defilade Target Engagement
2. Improve Direct Fire Accuracy and Effects
3. Extend Range Munitions, Sensors and Targeting
4. Beyond Line of Sight Capability

Direct Fire range and effects overmatch; precision targeting

Mission Command

1. Connect Soldier to the Network
2. Soldier Situational Awareness
3. Position Location
3. Mission Planning
4. Drop Zone Assembly

Mission Command, Situational Awareness and access to Army and Joint enablers

Training and Leader Development

1. Complex Terrain and Environment
2. Multiple Training Venues (Technical and Tactical)
3. Improved Training Output in a Fiscally Constrained Environment
4. Squad Ability Feedback
5. Resilient Soldiers and Leaders
6. Increased Learning (Knowledge)
7. Gaming Capabilities Within Training Venues at Lower Levels

Skills and experience; trust and confidence in abilities

Mobility

1. Reduce Soldier and Squad Load
2. Provide Power and Power Regeneration
3. Supply-Re-Supply
4. Modular, Tailorable, Scalable Capability
5. Rapid Deployment of Forces

Sustain operations over time and distance; deploy individual and squad equipment

Force Protection

1. Improved Soldier Protection (Body Armor Protection Levels)
 - a) Data Collection to study and prevent Soldier TBI
 - b) Blunt Force Trauma
 - c) Fire Resistant Capability
- d) Environmental Protection
- e) CBRNE

Enhanced protection against enemy weapons and environmental threats



RTB



Finding the Right Balance

21st Century
Soldier Competencies

Resiliency/
Comprehensive
Fitness

Communication

Teamwork

Tactical/Technical

Critical Thinking

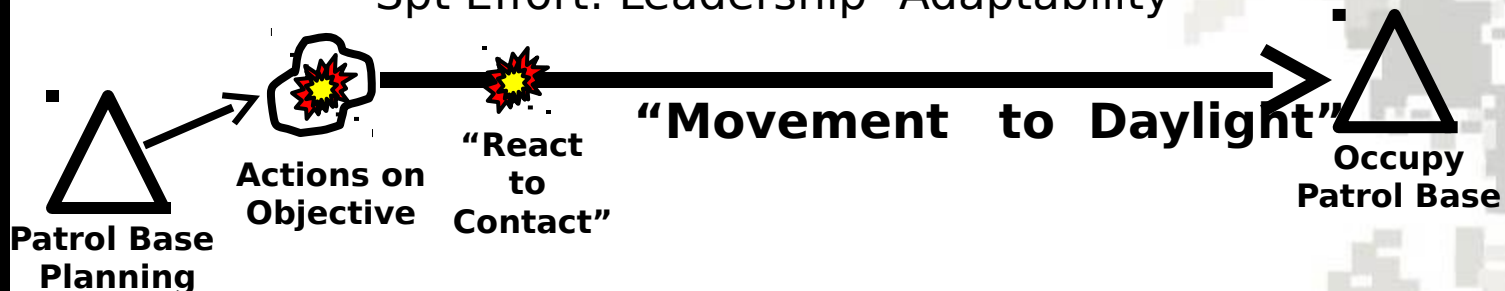
Adaptability

Initiative

Problem Solving

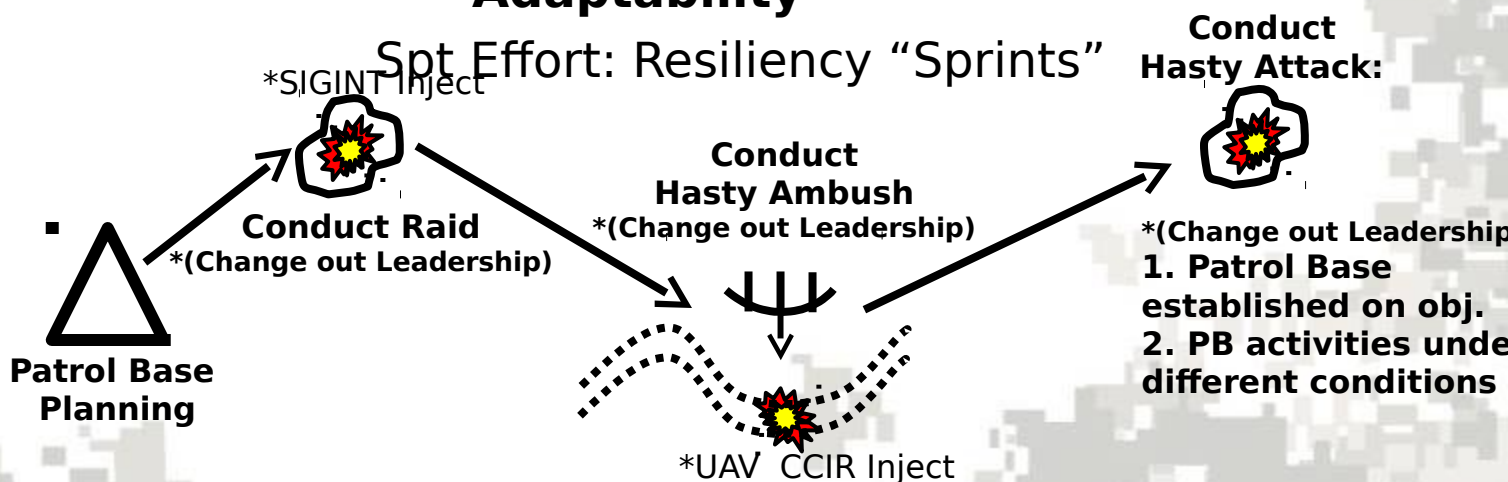
Main Effort: Resiliency “Marathon”

Spt Effort: Leadership “Adaptability”



**Main Effort: Leadership
“Adaptability”**

Spt Effort: Resiliency “Sprints”



The result is an improvement that has a qualitative measure of success for both 13

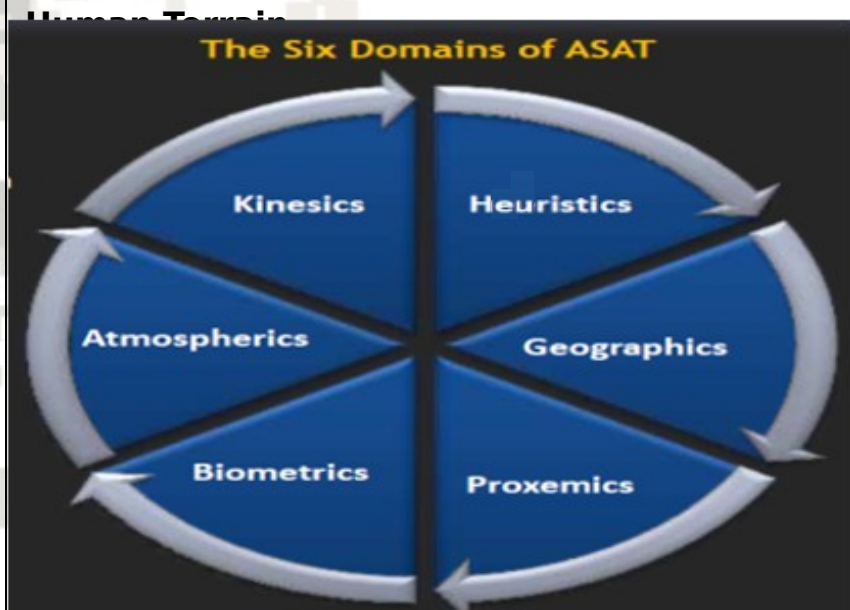


197th Infantry Brigade

Advanced Situational Awareness Training (ASAT)



Advanced Situational Awareness Training (ASAT)



- Enhanced Optics & Observation
- Human Behavior Pattern Recognition
- Observation of Human Terrain - Use of optics to Enhance Observation
- Understanding & overcoming the eye/brain bias
- Constant Baseline Sampling using the Six Domains
- Recognizing Anomalies
- Establish anomalies as pre-event indicators

Human Behavior Pattern Analysis Assists in Determining Optimum Method of Approach:

Baseline + Anomaly = Decision ... Do I?

- Kill/Capture
- Question to gather information
- Detain for further exploitation

Makes every Soldier an effective

Task Organization:

1 x OIC, 1 x NCOIC, 36 Support Personnel, 60 Course Attendees

Concept: 4/82 BCT conducted a five day ASAT POI as part of an on going initiative to heighten Trooper awareness and cultural understanding of the COE. POI consisted of 24 hours (3 days) of lecture with 20 hours (2 days) of practical exercise. Training facilitation occurred expertise of contracted instructors (Orbis Operations, LLC) with assistance from JIEDDO and the M-COE.

Outcomes Achieved:

- Troopers gained a significant appreciation for universal behavioral indicators that predicate violence and deception – and demonstrated proficiency through PE.
- Troopers gained significant understanding of threat planning cycle and threat TTPs that are recurring, consistent, and observable.
- Troopers are physiologically primed to proactively impact the OE and have strong reinforcement of SITREP reporting

Assessment:

- Trooper surveys for training value is universally strong.
- Organizational assessment for training – **Critical** for BCTs within DEF ARFORGEN. Best conducted within 60 days of deployment. **Critical** for BCT RSTA, Recon, and Sniper elements within CEF FSO ARFORGEN. Best conducted within 60 days of MRE.

Lessons Learned:

- With a clear understanding of INS planning cycle we are able to better observe and understand clear indicators

197th Infantry Brigade

Advanced Situational Awareness Training (ASAT) (30 JAN – 3 FEB 12) Fort Bragg,



- Troopers learned full capabilities of assigned optics and fully understand concept that “stand off” does not hinder our ability to understand human behavior
- Leader learned additional techniques for gaining information during KLEs with detailed lecture and PE on body language and heuristics
- Strong repetitive reinforcement of reporting, recording, and Troop level TOC operations provided a closed loop for multi-echelon training. Fully exercised Shooter to Sensor Link over multiple STX lane operations during



198th IN BDE Implementation of 21st Century Leader Development



***FLEXIBLE, ADAPTIVE, CRITICAL THINKERS!**

LEVERAGE TECHNOLOGY

- VBS2
- ePads (Constrained by Resources)
- Smart Phones (Personal)
- Interactive Media Instruction (Flat Screens / Kiosks / Video Library)
- EST 2000/ Mortar EST 2000
- Key Bridge Technology Contractors
- LOMAH (Malone 2 Range)
- Squad Dismounted Training Simulator
- Case-less Ammunition
- Avatar
- Warrior Wizard

LEVERAGE BLENDED LEARNING

- (Constrained by Instructors)
- ePads (Videos in the field) 3 BNs Fielded
- OBT&E (Concurrent TRNG / STT / FTX)
- Street Smart
- SHARP "Sex Signals"
- Virtual Experience Immersive Simulator (VEILS)
- MRTC (Strykers / M2s)
- Bayonet Concept
- Blauer Suits / CCMCK Ammunition

LEVERAGE HUMAN DIMENSION

- (Constrained by Time)
- Soldier Assisted Trainers
- CSF-PREP
- Mentorship Program
- Soldier as Athlete (PT & Nutrition)
- Drill Sergeant Peer Evaluation
- MRT
- ASAT
- DS Certification Course
- USMC DS Exchange
- 21st Century Leader Development (PME/NCOES)
- Musculoskeletal Assessment Team (MAT)
- Multi-Source Assessment & Feedback

17,675 Infantrymen in FY 11
Graduation Rates: 11
15,005 Infantrymen in FY



199th Infantry Brigade

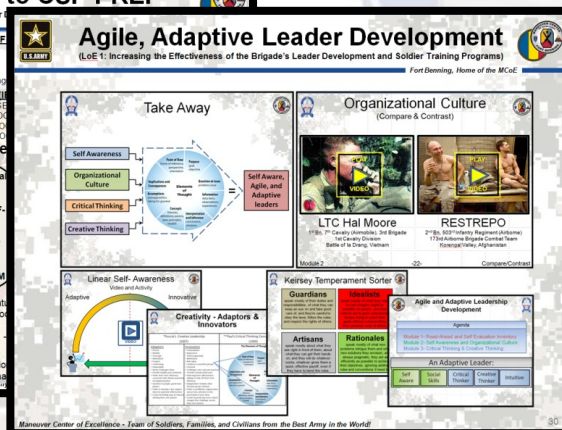
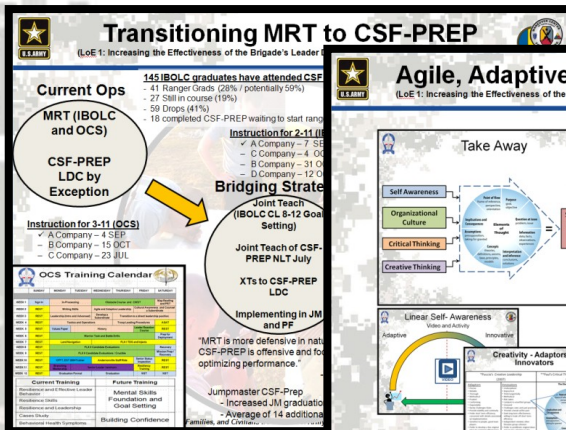


Mission: Train and develop agile and adaptive Soldiers and Leaders who are ready today to join our Army at war and relevant for tomorrows challenges.

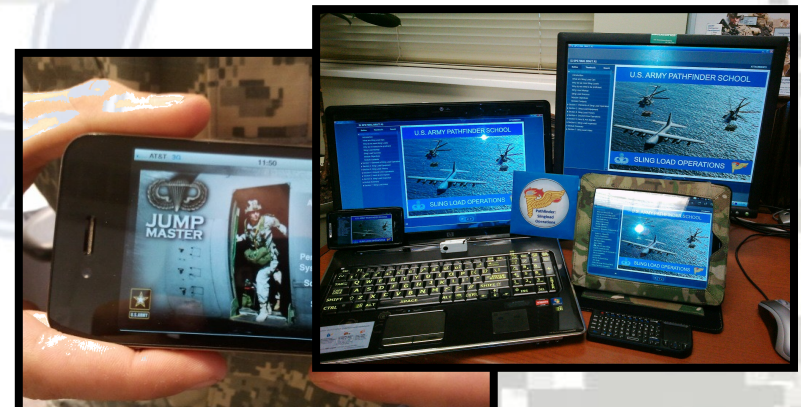
➤ Infantry Basic Officer Leader Course



➤ Officer Candidate School (OCS)



➤ Jumpmaster (JM) / Pathfinder (PF)



Questions

